epixsky
experience light

**ADDRESSABLE CONSTELLATION
COMMAND SHEET
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V-2-20

EPIC ADDRESSABLE CONSTELLATION
1.0 (9600 8 N 1)

Commands are repeated out of the serial port to pass to the next controller or device.
All commands must be terminated with a carriage return. You can use \r for this.
An 'X' at the beginning of the command represents the address of the controller.
The *E symbol means that those command values are stored in EEPROM and will load on power up

COMMAND	ACTION	NOTES
Xcnr	Resume on	Resumes the last mode before being powered off
Xcnt	Night Sky	Night Sky at 100% brightness
Xcnd	Night Sky	Dim Night Sky at 50% brightness
Xcns	Scintillation	Scintillation Mode
Xcno	Constellation off	Turns the Constellation off
Xcnlxxx *E	Constellation Solid On	xxx is a value from 1 to 255 - 1 is the dimmest, while 255 is brightest.
Xcspxxx *E	Sparkle Speed	Speed delay, range is 0 to 255, 0 is the fastest, while 255 is the slowest. The default speed is 7.
globaloff	All Off	All Constellations off, regardless of address
NOTE:		When powered on, the Addressable Constellation Board will light up a number of LEDs according to the address. The address is one less than the total number of LEDs lit up.

ADDRESS	SWITCH 1	SWITCH 2	SWITCH 3
0	Up	Up	Up
1	Down	Up	Up
2	Up	Down	Up
3	Down	Down	Up
4	Up	Up	Down
5	Down	Up	Down
6	Up	Down	Down
7	Down	Down	Down
NOTE:	SWITCH 4 IS NOT USED ON THIS PRODUCT		